

# PATENT ABSTRACTS OF JAPAN

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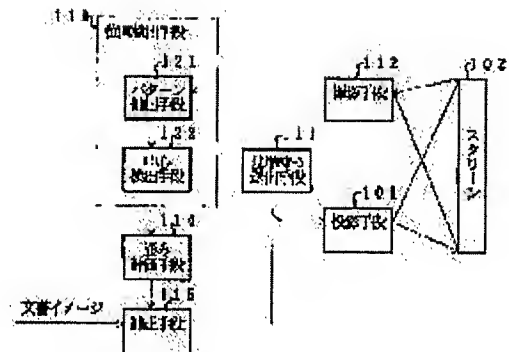
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## (54) IMAGE PROJECTION SYSTEM

### (57)Abstract:

PURPOSE: To correct the distortion of a graphic projected by an image projection system.

CONSTITUTION: The image projection system projecting a document image on a screen 102 through a projection means 101 is provided with a reference pattern transmission means 111 transmitting a reference pattern constituted of plural marker patterns to the projection means 101, a photographing means 112 photographing the projected image of the reference pattern, a position detection means 113 detecting the positions of the images of the plural marker patterns included in the projected image of the photographed reference pattern, a distortion evaluation means 114 evaluating the distortion of the projected image caused by the projecting operation of the projection means 101 by collating the positions of the images of the plural marker patterns with the positions of the plural marker patterns included in the reference pattern and a correction means 115 deforming the document image being an object to be projected according to the distortion of the projected image shown by the evaluated result of the evaluation means 114 in response to the input of the document image being the object to be projected.



## LEGAL STATUS

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